

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	10488	(phosphorous and sulfur)	USPAT	2000/06/18 12:39
2	BRS	L2	36333	(additive or antifoulant or inhibitor or inhibiting or composition) near10 (heated or treated)	USPAT	2000/06/18 12:43
3	BRS	L3	823	1 and 2	USPAT	2000/06/18 12:44
4	BRS	L4	8830	\$phosphorothioate\$ or \$phosphorothioite\$ or thiophos\$	USPAT	2000/06/18 13:28
5	BRS	L5	110	3 and 4	USPAT	2000/06/18 13:29
6	BRS	L6	57	antifoul\$ near12 inject\$	USPAT	2000/06/18 13:47
7	BRS	L7	39053	(antifoul\$ or inhibit\$) near12 (treat\$ or heat\$)	USPAT	2000/06/18 13:52
8	BRS	L9	47	6 and 7	USPAT	2000/06/18 13:53
9	BRS	L10	121330	steam	USPAT	2000/06/18 13:53
10	BRS	L12	33	9 and 10	USPAT	2000/06/18 14:06
11	BRS	L14	1	1 AND 12	USPAT	2000/06/18 14:09
12	BRS	L15	97506	tle or tlx OR HEAT ADJ TRANSFER OR (LINE OR LINES) NEAR4 TRANSFER	USPAT	2000/06/18 14:12
13	BRS	L17	21	4 AND 12	USPAT	2000/06/18 14:25
14	BRS	L18	56	THIOPHOSPHATE ADJ (ESTER OR ESTERS)	USPAT	2000/06/18 14:26
15	BRS	L19	0	17 AND 18	USPAT	2000/06/18 14:25
16	BRS	L20	158	(THIOPHOSPHATE NEAR9 (ESTERS OR ESTER))	USPAT	2000/06/18 14:26
17	BRS	L21	0	17 AND 20	USPAT	2000/06/18 14:26
18	BRS	L22	3175	PHOSPHOROTHIOATE	USPAT	2000/06/18 14:27
19	BRS	L23	0	17 AND 22	USPAT	2000/06/18 14:27
20	BRS	L24	3316	20 OR 22	USPAT	2000/06/18 14:28
21	BRS	L25	156056	7 OR 10	USPAT	2000/06/18 14:29

	Type	L #	Hits	Search Text	DBs	Time Stamp
22	BRS	L26	1213	24 AND 25	USPAT	2000/06/18 14:29
23	BRS	L27	51740	208/\$.CCLS. OR 585/\$.CCLS.	USPAT	2000/06/18 14:29
24	BRS	L29	8	26 AND 27	USPAT	2000/06/18 14:44
25	BRS	L31	11	MICROTHERMAL	USPAT	2000/06/18 14:45
26	BRS	L32	54774	1 OR 4 OR 6 OR 7	USPAT	2000/06/18 14:45
27	BRS	L33	0	31 AND 32	USPAT	2000/06/18 14:45
28	BRS	L34	0	20 AND 31	USPAT	2000/06/18 14:45
29	BRS	L35	136145	ANTIFOULANT OR ANTIFOUING OR INHIBITOR OR INHIBITING	USPAT	2000/06/18 14:46
30	BRS	L37	3	31 AND 35	USPAT	2000/06/18 14:50
31	BRS	L38	3313	THERMALLY ADJ TREATED	USPAT	2000/06/18 14:56
32	BRS	L39	0	9 AND 38	USPAT	2000/06/18 14:51
33	BRS	L40	187	35 AND 38	USPAT	2000/06/18 14:52
34	BRS	L42	10	27 AND 40	USPAT	2000/06/18 14:53
35	BRS	L43	337	27 AND 38	USPAT	2000/06/18 14:53
36	BRS	L44	13479	1 OR 18 OR 20 OR 22	USPAT	2000/06/18 14:53
37	BRS	L46	16	43 AND 44	USPAT	2000/06/18 14:54
38	BRS	L47	976	208/48r.CCLS. OR 208/48aa.CCLS.	USPAT	2000/06/18 14:55
39	BRS	L49	2	38 AND 47	USPAT	2000/06/18 14:55
40	BRS	L50	539	((THERMALLY ADJ TREATED) OR HEATED) NEAR5 (ANTIFOULANT OR ADDITIVE)	USPAT	2000/06/18 14:57
41	BRS	L52	11	47 AND 50	USPAT	2000/06/18 14:57

	U	1	Document ID	Issue Date	Pages
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 5779881 A	19980714	8
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 5632865 A	19970527	7
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5360531 A	19941101	
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5354450 A	19941011	7
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 5154817 A	19921013	6
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4719001 A	19880112	8
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4619756 A	19861028	5
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4618411 A	19861021	
9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4569750 A	19860211	7
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4444649 A	19840424	6
11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 4024051 A	19770517	11

	Title	Current OR	Current XRef
1	Phosphonate/thiophosphonate coking inhibitors	208/48AA	208/48R ; 585/950
2	Method for introduction of aggressive liquid additives	203/6	196/127 ; 203/7 ; 208/47 ; 208/48AA ; 208/48R
3	Phosphoric triamide coking inhibitors	208/48AA	208/48R ; 585/648 ; 585/650 ; 585/950
4	Phosphorothioate coking inhibitors	208/48AA	208/125 ; 585/950
5	Method for inhibiting gum and sediment formation in liquid hydrocarbon mediums	208/48AA	208/213 ; 208/255 ; 208/348 ; 208/47 ; 208/48R ; 44/434 ; 585/950
6	Antifoulant additives for high temperature hydrocarbon processing	208/48AA	507/90 ; 585/950
7	Method to inhibit deposit formation	208/48AA	208/106 ; 208/48R ; 585/648
8	Additive combination and method for using it to inhibit deposit formation	208/48AA	252/401 ; 252/403 ; 252/406 ; 507/90 ; 585/4 ; 585/950
9	Method for inhibiting deposit formation in structures confining hydrocarbon fluids	208/48AA	585/950
10	Antifoulant for high temperature hydrocarbon processing	208/48AA	
11	Using an antifoulant in a crude oil heating process	208/348	208/187 ; 208/188 ; 208/354 ; 208/48AA